

## ABSTRACT

### Tractor with Monitoring System

A tractor includes a cab mounted analysis/display unit (1) connected to a number of on-board sensors for detecting speed, fuel flow, etc and also capable of receiving data input manually or via a data carrier. The unit (1) is also connected to an on-board GPS navigation system (24), and includes means for generating maps of tractor-related parameters and/or parameters derived therefrom. The main usefulness of the system is in deriving "on the go" maps of cost related data for a given field operation. Cost maps for cumulative operations and maps of gross profit margin are possible by adding "on the go" generated cost data to previously generated cost and/or yield data as the tractor performs an operation in a field.

Figure 1